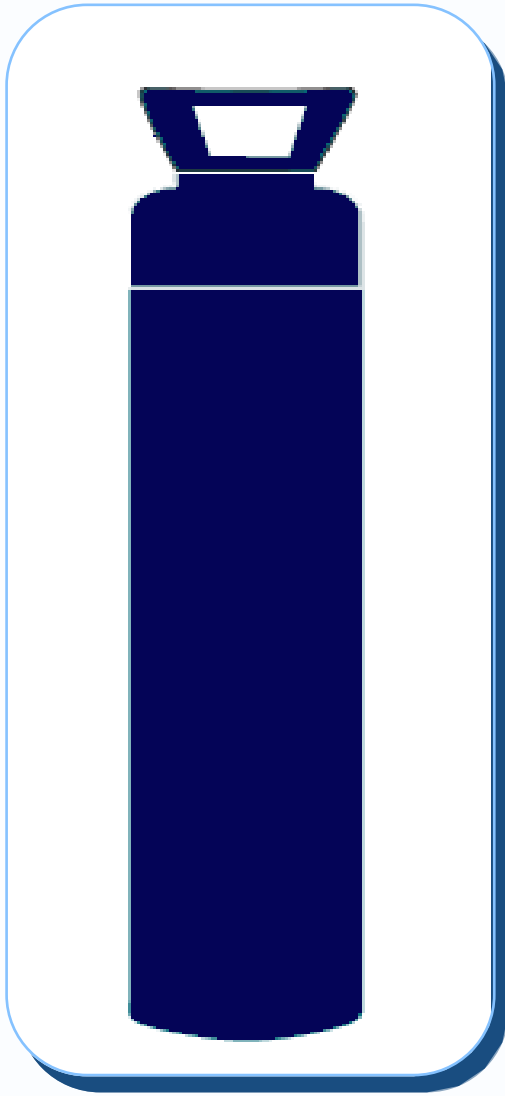




# Technical Argoshield



- Colourless
- Odourless
- Non-flammable
- Non-toxic

### Applications:

Use as a shielding for MIG applications

**Color Coding:** Dark blue body

**Composition:** 80% Ar - 20% CO<sub>2</sub> +/- 2%

### Hazards :



**UN NB:** 1956

### LGI technical Capabilities:

- ◆ Experience since 1952
- ◆ Environmental safe processes
- ◆ Main Partners: Afrox, Linde....
- ◆ As per South African standard
- ◆ Fleet of special delivery trucks (4 delivery vehicles)
- ◆ Management of customers' stock and availability at all times
- ◆ Cylinder test workshop (testing , cleaning, quality check ,painting)



Product information					
Cylinder Capacity		Cylinder Pressure @ 20°C (Bar)	Cylinder Height (mm)	Cylinder Diameter (mm)	Valve Connection
M <sup>3</sup>	CUFT				
10	370	200	1500	230	5/8" BSPF Right Hand Female

Chemical Properties	
Molecular Weight	Specific Volume @ 20°C & 101.325 Kpa
40.76g/mol	592.36ml/g

Hazards
<ul style="list-style-type: none"> <li>All cylinders are portable gas containers and must be regarded as pressure vessels at all times</li> <li>Argoshield does not support life. It can act as a simple asphyxiant by diluting the concentration of oxygen in air below the levels necessary to support life.</li> <li>Inhalation of Argoshield in excessive concentrations can result in dizziness, nausea, vomiting, loss of consciousness and death.</li> </ul>

Uses and Features
<ul style="list-style-type: none"> <li>Argoshield has been developed primarily for the MIG welding of steel</li> <li>Argoshield gases deliver improved welding performance and a lower operating cost than other shielding gases</li> <li><b>Argon</b> is used to create a stream of ionised gas (the welding arc). In the MIG process</li> <li><b>Carbon dioxide</b> is added in various amounts to improve the shape of the weld bead</li> <li>Argon is used as a shielding for MIG applications</li> </ul>

Handling and Storage
<ul style="list-style-type: none"> <li>Do not allow cylinders to slide or come into contact with sharp edges</li> <li>Argoshield cylinders may be stacked horizontally provided that they are firmly secured at each end to prevent rolling</li> <li>Use a "first in - first out" inventory system to prevent full cylinders from being stored for excessive periods of time</li> <li>Keep out of reach of children</li> </ul>